

Table 3						
Tacoma Smelter Plume Site						
Trace Element Correlations						
Based on Maximum Concentrations by Boring						
		Inter-Element Correlations				
		Arsenic	Lead	Antimony	Bismuth	Indium
	Lead	0.6037				
		(92)				
		0.0000				
	Antimony	0.8030	0.7210			
		(92)	(92)			
		0.0000	0.0000			
	Bismuth	0.8682	0.7465	0.8849		
		(92)	(92)	(92)		
		0.0000	0.0000	0.0000		
	Indium	0.8407	0.6969	0.8878	0.9447	
		(92)	(92)	(92)	(92)	
		0.0000	0.0000	0.0000	0.0000	
	Silver	0.7664	0.6734	0.6890	0.8260	0.8295
		(38)	(38)	(38)	(38)	(38)
		0.0000	0.0000	0.0000	0.0000	0.0000
	NOTES:					
	1. Entry formats are:		0.6037	correlation coefficient		
			(92)	number of samples		
			0.0000	significance level		
				(0.0000 means < 0.00005)		
	2. All data distributions are right-skewed; therefore correlations (parametric) are calculated using LOG concentrations.					
	3. Arsenic and lead results are from OnSite lab analyses; other results are from Battelle lab analyses.					
	4. For 9 samples without OnSite lead results, Battelle results are used instead as surrogate values.					
	5. Correlations are based on results from all Tacoma Smelter Plume locations (Vashon-Maury Island and King County Mainland; undisturbed and disturbed soils) with trace element analyses.					